

Serial No. 09/760,878

LISTING OF CLAIMS: No amendments made herein.

1. (PREVIOUSLY PRESENTED) A managing apparatus for managing a document including transaction slip data used in electronic commerce with a database device, comprising:
 - a data extracting unit extracting structure data as a search item of the document including transaction slip data therefrom;
 - a storing unit storing the structure data extracted by said data extracting unit as management data that is correlated with the transaction slip data;
 - a transaction slip data extracting unit searching the management data so as to extract the transaction slip data that is correlated with management data;
 - a transmitting unit transmitting the transaction slip data extracted by said transaction slip data extracting unit;
 - a receiving unit receiving the transmitted transaction slip data; and
 - a converting unit converting a first format of the received transaction slip data into a second format based on a transmission destination,wherein the first format of the received transaction slip data is useable by an order issuer and the second format based on a transmission destination is useable by an order acceptor in an electronic business transaction between the order issuer and the order acceptor without requiring a tailoring of servers of the order issuer and the order acceptor.
2. (PREVIOUSLY PRESENTED) The managing apparatus as set forth in claim 1, wherein the correlation between the management data and the transaction slip data is managed with a document identifier (S15) that is common therebetween.
3. (CANCELLED)
4. (PREVIOUSLY PRESENTED) The managing apparatus as set forth in claim 1, wherein the designation of a search item as the management data is changeable by a user.
5. (PREVIOUSLY PRESENTED) The managing apparatus as set forth in claim 4, wherein the document including transaction slip data is an XML document, and wherein a search item is changed by changing the designation of an extraction of an item corresponding to a tag of the XML document.
6. (PREVIOUSLY PRESENTED) A computer-readable medium storing a program

Serial No. 09/760,878

that causes a computer as an information apparatus to manage transaction slip data used in electronic commerce, by:

- extracting structure data as a search item of a transaction slip data document therefrom;
- storing the structure data extracted as management data in correlation with the transaction slip data;
- searching the management data so as to extract the correlated transaction slip data;
- transmitting the transaction slip data extracted;
- receiving the transmitted transaction slip data; and
- converting a first format of the received transaction slip data into a second format based on a transmission destination, wherein the first format of the received transaction slip data is useable by an order issuer and the second format based on a transmission destination is useable by an order acceptor in an electronic business transaction between the order issuer and the order acceptor without requiring a tailoring of servers of the order issuer and the order acceptor.

7. (PREVIOUSLY PRESENTED) A method of managing transaction slip data used in electronic commerce, comprising:

- extracting structure data as a search item of a document including transaction slip data therefrom;
- storing the extracted structure data in a memory as management data that is correlated with the transaction slip data;
- searching the stored management data so as to extract transaction slip data that is correlated with management data; and
- transmitting the extracted transaction slip data over a network;
- receiving the transmitted transaction slip data; and
- converting a first format of the received transaction slip data into a second format based on a transmission destination, wherein the first format of the received transaction slip data is usable by an order issuer and the second format based on a transmission destination is useable by an order acceptor in electronic business without a tailoring of servers of the order issuer and the order acceptor.

8. (PREVIOUSLY PRESENTED) The method according to claim 7, further comprising changing the structure data of a document to be considered including the management data.

Serial No. 09/760,878

9. (PREVIOUSLY PRESENTED) The method according to claim 7, wherein the transaction slip data is included in an XML document.

10. (PREVIOUSLY PRESENTED) The method according to claim 9, wherein a target of a search is changed by changing the extracting regarding a tag of the XML document.

11. (PREVIOUSLY PRESENTED) A computer-readable medium storing a program to perform managing transaction slip data used in electronic commerce, by:

extracting structure data as a search item of a document including transaction slip data;

storing the extracted structure data as management data that is correlated with the transaction slip data;

searching the management data so as to extract the transaction slip data that is correlated with management data; and

transmitting the extracted transaction slip data;

receiving the transmitted transaction slip data; and

converting a first format of the received transaction slip data into a second format based on a transmission destination, wherein the first format of the received transaction slip data is used by an order issuer and the second format is based on a transmission destination that is useable by an order acceptor in electronic business without a tailoring of servers of the order issuer and the order acceptor.

12. (PREVIOUSLY PRESENTED) The computer-readable medium according to claim 11, further comprising changing the structure data of a document to be considered including management data.

13. (PREVIOUSLY PRESENTED) The computer-readable medium according to claim 11, wherein the document including transaction slip data is an XML document.

14. (PREVIOUSLY PRESENTED) The computer-readable medium according to claim 13, wherein a target of a search is changed by changing the extracting regarding a tag of the XML document.

15. (WITHDRAWN) A method of managing transaction slip data used in electronic

Serial No. 09/760,878

commerce, comprising:

extracting data as a search item of a document including transaction slip data therefrom by an order issuer;

storing the extracted data as management data that is correlated with the transaction slip data;

searching the stored management data so as to extract transaction slip data that is correlated with management data; and

transmitting the extracted transaction slip data over a network; and

converting the format of received transaction slip data into a format based on a format used by an order acceptor; and

transmitting the converted transaction slip data to the order acceptor over the network.